

**SALT RIVER AT 7TH AVENUE  
FCD GAGE ID# 4763**

**STATION DESCRIPTION**

**LOCATION** - The gage is located on the 7th Avenue bridge crossing of the Salt River. Latitude 33° 25' 08.3" North; Longitude 112° 04' 56.4" West. Located in S19 T1N R3E, in the Phoenix 7.5-minute quadrangle.

**ESTABLISHMENT** - The gage was installed January 25, 2012.

**DRAINAGE AREA** – Not Determined

**GAGE** - The gage is a pressure transducer type instrument. The PT diaphragm is at gage height 0.00 feet gage height. The PT station is located on the downstream side of 7th Avenue.

There is no crest-stage gage at this site.

There is no staff gage at this site.

**ZERO GAGE HEIGHT** – Zero gage height is the elevation of the pressure transducer.

**HISTORY** – Gaging established on January 25, 2012. No previous gaging history at this location.

**REFERENCE MARKS**

No references have been set.

**CHANNEL AND CONTROL** - The control for this gage is the main channel.

**RATING** - The current rating is Rating #1, dated January 25, 2012. The rating was taken from a visual comparison of ratings for Salt River at 51st Avenue and Salt River at Priest Drive.

**DISCHARGE MEASUREMENTS** – Direct measurements are not possible due to height of bridge crossing.

**POINT OF ZERO FLOW** - The PZF has not been determined.

**FLOODS** – No runoff has been recorded since installation in January 2012.

**REGULATION** – A number of dams upstream regulate flow in the Salt River.

**DIVERSIONS** – Granite Reef Diversion structure diverts water to canals on the north and south sides of the river for irrigation and domestic purposes.

**ACCURACY** - Fair

**JUSTIFICATION** – Monitor flow in the river for MCDOT to manage low-flow road closures.

**UPDATED** -                      March 27, 2012  
DE Gardner